PATENT APPLICATION

Docket Number: 070120-0305185 Client Reference: FEL0312-US-A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of

TADAHIRO ISHIZAKA, et al.

Group Art Unit:

Application No.:

Examiner:

Filed: August 28, 2003

Confirmation No.:

For: SUBSTRATE TREATMENT DEVICE, SUBSTRATE TREATMENT METHOD, AND CLEANING METHOD FOR SUBSTRATE TREATMENT DEVICE

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR 1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

English-language Abstracts of the non-English language references are attached hereto.

Respectfully Submitted

Registration Number 28872

Date: August 28, 2003 PILLSBURY WINTHROP LLP Telephone: (703) 905-2000 Facsimile: (703) 905-2500

P.O. Box 10500 McLean, VA 22102

1

PT O/SB/08e (05-03) Approved for use through 04/30/2003. OMB 0651-0031

	Unde	er the Peperwork Reduction Ac	t of 1995, no pen	sons ere required to r		nerk Office; U.S. DEPARTMENT OF COMMERCE flon untess it conteins a valid OMB control number.		
	Sub	stitute for form 1449A/PTO			Complete if Known			
					Application Number	T		
	11	NFORMATION	DISCLO	SURE	Filing Date	08/28/2003		
		TATEMENT B			First Named Inventor	TADAHIRO ISHIZAKA		
	·	TATEMENT D		O 7-1111	Art Unit			
		(Use as many sheet	ts as necessary)		Examiner Name			
. s	Sheet	1	of	1	Attorney Docket Number	070120-0305185		

			U. S. PATENT	DOCUMENTS	
Examiner Initiels*	Cite No.1	Document Number Number-Kind Code ^{2 (#known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicent of Cited Document	Pages, Columns, Lines, Where Relevant Pesseges or Relevant Figures Appear
	1	US- 2003/0037730 A1	02-28-2003	YAMASAKI et al.	
	2	US- 5,904,757	May 18, 1999	HAYASHI et al.	
	3	US- 6,156,107	12-05-2000	HAYASHI et al.	
	4	US- 6.158,226	12-12-2000	NOJI et al.	
	5	US- 6,332,925 B1	12-25-2001	NOJI et al.	
	6	^{US-} 5,306,666	04-26-1994	IZUMI	
		US-			
		US-			
		US-			
-		US-			
		US-			
		US-			
	T	US-			
		US-			

	FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.1		Patent Document ode ³ Number ⁴ Kind Code ⁵ (if known)		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Cotumns, Lines, Where Relevant Passages or Relevant Figures Appear	T6	
	Α	EP	0 811 413	A2	12-10-1997	NOJI et al.			
	В	JP	2002-239341		08-27-2002	MORI		X	
	С	JP	2001-214272		08-07-2001	HASEGAWA et al.		X	
	D	JP	2001-342950		12-14-2001	NOMURA		X	
	Е	JР	2001-131748		05-15-2001	MURAKAMI		x	

Examiner								Date		
Signature								Considered		
ليسنا				1.70		in Amen	500 0	. Par Harrist		
EXAMINER:	initial if reference	considered,	wnetner or	not citation	n is in conforma	Ince with MPEP	609. Dra	w line through t	itation if not in conforma	ince and not

considered, include copy of this form when extremely considered, include copy of this form when extremely considered include copy of this form when extremely considered include copy of this form when extremely considered in explaints in Applicants unique usigned resident designation number (optional), 3 see Kinds Codes of USPTO Patent Documents at <u>www.uspto.gov</u> or WREP 901.04. 3 Enter Office their issued the document, by the hor-letter code (WIPO Standard ST.3), 4 For Japanese pettert documents, by the indication of the year of the regine of the Emperor must proced the seeted number of the petent document with the option of the period o

This collection of information is required by 37 CFR 197 and 1.98. This information is required to obtain or retine a benefit by the public which is to file (end by the UPTYO to proceeds an explication. Controlledella's is generated by 38 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 10 to complete, including gathering, preparing, and submitting the completed epicited form to the USPTO. Time will vary depending upon the inclinidation and the controlledella's complete this form endod's appeals to the controlledella's have been upon the controlledella's control

PTO/SB/08a (05-03)
Approved for use through 04/30/2003. OMB 0651-0031
U.S. Patent and Trademerk Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to e collection of infe etion unless It conteins e valid OMB co

Complete if Known Substitute for form 1449A/PTO Application Number Filing Date INFORMATION DISCLOSURE 08/28/2003 First Named Inventor STATEMENT BY APPLICANT TADAHIRO ISHIZAKA Art Unit Examiner Name (Use as many sheets as necessary) Attorney Docket Number 070120-0305185 Sheet

U. S. PATENT DOCUMENTS Examiner Cite Document Number Publication Date Name of Patentee or Applicant of Cited Document Pages, Columns, Lines, Where Relevant Passages or Relavant Figures Appear Initials' No MM-DD-YYYY Number-Kind Code^{2 (FAnowe)} US 119. US 119. US-US-US-HS IIS. US-US US-IIQ. US

	FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cita No.1		n Patent Document Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Nama of Patentas or Applicant of Cited Document	Pagas, Columns, Lines, Where Relevant Pessages or Relevant Figures Appear	Tô	
	F	JP	2001-126999	05-11-2001	YAMAGA	}	Х	
	G	JP	2000-256856	09-19-2000	YAMAZAKI et al.		Х	
	Н	JP	2000-174007	06-23-2000	SAITO et al.		X	
	I	JP	11-182425	07-06-1999	NOMURA et al.		X	
	J	JP	10-266958	10-06-1998	SUGIURA et al.		X	

Examinar	Date
Signature	Considered

"EXAMINES, bitted if interence considered, whether or not claiks or in conformance with MPEP 600. Days the through claiks of not in conformance and not considered, howled copy of this form with and communication to applicant." Applicant's uniformative certain dissipation in number (policials be kinds Codes or USFTO Platent Documents et www.unbloage or MPEP 601.04.3 Fairer Office that issued the document, by the two-letter code (WPEO Standard ST.3). * For Japanese patient documents, has indicated on the year of the raign of the Emperer must praced the sarial number of the patient document for the patient document and the patient of the patient documents are patients of the patient documents and the patient of the patient documents are patients. The patients are patients are patients and the patients of the patient documents are patients and the patients are patients. The patients are patients are patients are patients and the patient documents are patients and the patients are patients. The patients are patients are patients are patients are patients are patients. The patients are patients are patients are patients are patients are patients are patients. The patients are patients are patients are patients are patients are patients. The patients are patients are patients are patients are patients are patients. The patients are patients are patients are patients are patients are patients. The patients are patients are patients are patients are patients are patients are patients. The patients are patients are patients are patients are patients are patients are patients. The patients are patients are patients are patients are patients are patients. The patients are patients. The patients are patients. The patients are patients ar

This collection of information is required by 37 CFR 1.97 end 1.98. The information is required to obtain or retain a benefit by the public which is to file (end by the USFTO to process) an application. Confidentieilly is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and superiniting the completed epipicetion from the USFTO. This will vary depending upon the individual casa. Any comments on the enount of time your require to complete his form and/or suggestions for reducing this burder, should be sent to the Chile Information Officer, U.S. Patent end Tredemark Office. U.S. Department of Commence, P.O. Box 1450, devanding, Va 2321-341-350. DON OT SEND FEES OR COMPLETED FORMS TO 1/185. ADDRESS. SEND TO: Commissioner for Petents, P.O. Box 1450, Alaxandria, VA 22313-1450.

PTO/SB/08e (05-03)
Approved for use through 04/30/2003. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Peperwork Reduction Act of 1995, no persons are required to respond to a collection of Info netion unless it contains e valid OMB control number Complete if Known Substitute for form 1449A/PTO Application Number Filing Date INFORMATION DISCLOSURE 08/28/2003 First Named Inventor STATEMENT BY APPLICANT TADAHIRO ISHIZAKA Art Unit Examiner Name (Use as many sheets as necessary) Attorney Docket Number 070120-0305185 Sheet of

Examiner	Cite No.	Document Number	Publication Dete	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	No.	Number-Kind Code ^{2 (if known)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
		US-			
		us.			
	-	US-			
	-	US-			
	-	US-			
		US-			
	\vdash	US-			
		US-			
		US-			
		US-			
	\vdash	US-			
		US-			
	_	US-			
		US-			

	FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1		Patent Document code ³ -Number ⁴ -Kind Code ⁵ (#known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Τ ⁶	
	K	JP	10-140357	05-26-1998	HAYASHI et al.		X	
	L	JP	10-054356	02-24-1998	NOMICHI et al.		x	
	M	JP	09-317645	12-09-1997	NOMICHI et al.		X	
	N	JP	10-073078	03-17-1998	NOMICHI et al.		X	
	0	JP	10-176662	06-30-1998	NOMICHI et al.		X	

Examiner	 Date	
Signature	Considered	
$\overline{}$	 	

Executive: may at restricting considered, whether or not claiken is in conformance with MPEP 606. Drew the through claiken fix not in conformance and not considered noticed copy of this form with next communication to explained. "Applicant" unique claiten designation number (opinion) see fixed fixed or USPTO Patient Documents at www.usblo.gov or MPEP 801.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patient documents, the indication of the year of the region of the Emperor must precede the serial number of the patient document fixed of document by the appropriate symbols as indicated on the year of the region of the Emperor must precede the serial number of the patient document with a fixed of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 4 Applicant is to place e check mark here if English lenguage Translation is stated.

This collection of information is required by 37 CPR, 107 and 1.88. This information is required to obtain or retain a benefit byte public which is to file (and by the LUBPTO to process) in explication. Conferentially is a personned by 35 LUS C. 122 and 37 CPR, 114. This collection is estimated to Decurse to complete. Including pathering, preparing, and submilliage the completed epipiteds notem to the UBPTO. Then will vary depending upon the individual case. Any comments on the amount of films you require to complete this form andors suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Peetal and Trademeth Office, U.S. Department of Commerce, P.O. Box 1450, Alexandrie, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandrie, VA 22313-1450.

PTO/SB/08a (05-03)

Approved for use through 04/30/2003. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Peperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Knows Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as nacassary) of

Sheet

Examiner

complete ii kilowii					
Application Number					
Filing Date	08/28/2003				
First Named Inventor	TADAHIRO ISHIZAKA				
Art Unit					
Examiner Name					
Attorney Docket Number	070120-0305185				

U. S. PATENT DOCUMENTS Examiner Cite No.1 Document Number Publication Date MM-DD-YYYY Neme of Patentee or Applicant of Cited Document Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear Initials' Number-Kind Code^{2 (Fknown)} US-US-US-US-US-US-US-USus-US-US-US-US-US-US-US-US-US

	FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.1		Petant Document de ³ -Number ⁴⁻ Kind Code ⁵ (#known)	Publication Date MM-DD-YYYY	Name of Patentae or Applicant of Cited Document	Pages, Columns, Lines, Whera Relevant Passages or Ralavant Figures Appear	T ⁶		
	P	JP	01-218013	08-31-1989	FUSE et al.		Х		
	Q	JP	07-252660	10-03-1995	KUMAGAI et al.		Х		
							\vdash		

	dered
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line t	brough citation if not in conformance and not
CONSIdered, Include copy of this form with next communication to applicant 1 Applicant's unique citation decignate	ion number (entionel) 2 Can Made Codes of
USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the	two-letter code (WIPO Standard ST 3). 4 For

Date

Japanese patent documents, this indication of the year of the reign of the Emperor must precede the serial number of the patent document, by the Wo-letter code (WIPO Standard ST.3). * For the patent document of the patent document with the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible, * Applicant is to place a check mark here if English language Translation is attached.

This consistence of information in required by 3 FER 197 and 1.85. The information is required to obtain or retain a benefit by the public which is to file (and by the LEPTO to processing in explication. Condentality is a powered by 3.8 LSC. 1.22 and regular FL.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the LEPTO. The collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the take 10 feet of the collection of the complete is form ander suggestions for reducing this budget, should be sent to the Chief information Officer, U.S. Peated and Tradement Office, U.S. Department of Commerce, P.O. Box 1450, Alexandrie, V.A. 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ACDRESS. SEND TO: Commissioner for Petents, P.O. Box 1450, Alexandrie, V.A. 22313-1450.